



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 HXB2 Tat Monoclonal (1D9)

Catalog Number: 7377

Lot Number: 140138

Release Category: B

Provided: 520 µg of lyophilized, affinity purified antibody in PBS, pH 7.4 with 0.02% sodium azide.
Note: Reconstitute with 120 µL of water to obtain a concentration of 4.3 mg/mL and 1X PBS.
Derived from the 1D9 hybridoma (Cat #7383).

Description: HIV-1 Tat monoclonal antibody. Binds to a peptide that spans amino acids 1-20 of Tat.

Host Site: Balb/c mice (females), P3X63 Ag8.653 myeloma cells.

Titer: ELISA titer was determined to be 1:128,000 against HIV-1 tat (Cat # 2222 coated at 1 µg/mL, 100 µL/well).

Special Characteristics: Recombinant HIV-1 (HXB2) Tat 86 aa (Tat A, Cambridge Biosciences Inc) used for immunization.
Purity is 91% by SDS-PAGE.
Works by ELISA, Western blot and immunofluorescence.

Recommended Storage: Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. Dag E. Helland.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

Isotype: IgG₁ kappa.

References: Valvatne H, Szilvay AM, Helland DE. A monoclonal antibody defines a novel HIV type 1 Tat domain involved in trans-cellular trans-activation. *AIDS Res Hum Retroviruses* **12**:611-619, 1996.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-HIV-1 HXB2 Tat Monoclonal (1D9) from Dr. Dag E. Helland." Also include the reference cited above in any publications.

Last Updated July 02, 2015

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